

**ISHWAR INTERNATIONAL
SCHOOL
HOLIDAY HOMEWORK
CLASS 9TH**

- Date of submission 24th -25th June
- Marks will be awarded out of 10 and will be entered in the report card
- No homework will be accepted after 25th June.

SCIENCE

BIOLOGY:

1. Draw the diagrams of all cell organelles in Chapter 5 in your holiday homework notebook.
2. Write an article on “Branches of biology” in 100 words.
3. Make a table to show difference between striated, unstriated and cardiac muscles on the basis of their structure and location in the body.
4. Prepare a small size modal on following allotted topics and modals should be prepared on strong bases.
 - a) Plant cell (roll no. 1-10)
 - b) Animal Cell (Roll no. 11-20)
 - c) Nitrogen Cycle (roll no 21-30)
 - d) Oxygen cycle(roll no 31-40)
 - e) Carbon Cycle (roll no 41-50)
 - It should be eco-friendly and light weight
 - Size should be near about 16x20 inches

Physics:

5. Write an article on contribution of galileo & Newton (250 words each)
6. Define the following terms:
 - a) Mass & Inertia (difference)
 - b) Linear momentum
 - c) 1st law of motion
 - d) 2nd law of motion
 - e) Mathematical derivation of 2nd law of motion.

Chemistry:

7. Make a Chart on
 - a) Physical classification of matter (1-5)

- b) Chemical classification of matter (6-10)
- c) Rutherford scattering experiment (11-15)
- d) Bohr's Model of Atom (16-20)
- e) Separation Techniques Any 2 (21-26)

ENGLISH

English Literature

- (1) Beehive - Lesson- 1,2 learn with poems
- (2) Moments- Lesson- 1,2 learn
- (3) Read the chapters ' The Sound of Sound' ' The Little Girl' and write the character sketches of the following .(a)Bismillah Khan
- (b) Evelyn Glennie
- (c) Margi

Grammar

- Revise Tenses

Art Integrated Activities

- (1)Prepare a chart on Tenses with examples.
- (2) Make a beautiful chart on 8 parts of speech
- (3) Prepare a model of Shehnai
- (4) Draw a fair scene on A4 size sheet

COMPUTER

CATEGORY-1 (WORKING MODELS)

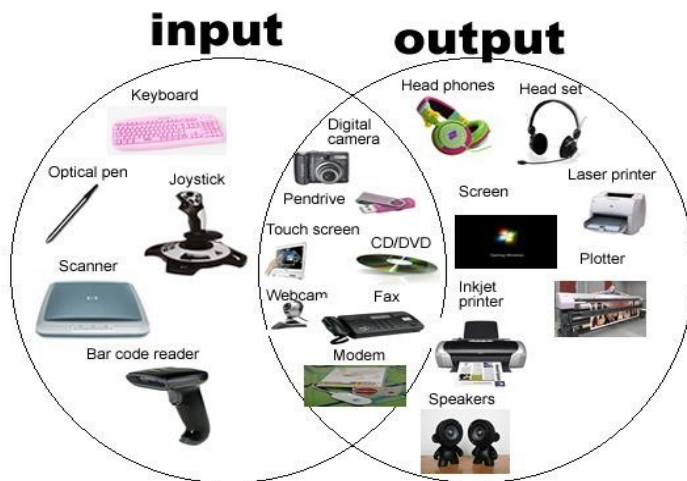
1. Abacus
2. Napier Bones
3. Simple Robot (drawing and scribbling)
4. Smartphone Projector
5. Simple Projector
6. Walking Mini robot

Category-2(Charts and Models)

1. BIG Back Wall Banner size Keyboard.



2. Chart on INPUT AND OUTPUT Devices.(use your creativity to make this)



1. Learn lesson 1 and 2 complete from the book computer applications code-165
2. Wall hangings of classifications of computer (depending on SIZE)
OR
3. Wall hangings of classifications of computer (depending on Used data)

HINDI

1. लेख सुधार के लिए 15 सुलेख लिखिए।
2. क्षितिज गद्य भाग के पाठ -1, 2 , 4 याद करें।
3. क्षितिज पद्य भाग-साखियां और सबद तथा वाख कविता याद करें तथा कृतिका का पाठ 2 मेरे संग की औरतें याद करें।
4. अर्थ के आधार पर वाक्य के भेदों की परिभाषा तथा उनके दो दो उदाहरण देते हुए परियोजना तैयार करें।
5. पांच औपचारिक तथा 5 अनौपचारिक पत्र याद करें।
6. प्रदूषण की समस्या तथा विद्यार्थी जीवन अनुच्छेद याद करें।
7. योग का महत्व तथा वृक्षों का महत्व बताते हुए दोनों विषयों पर विज्ञापन तैयार करें।
8. 4 सीट पर अपना स्ववृत्त लिखिए।
9. जन्मदिन की बधाई तथा दीपावली की बधाई देते हुए मित्र को संदेश लिखिए।
10. प्रतिदिन 5 समाचार तथा 1 सुविचार हिंदी में लिखिए।
11. ग्रीष्मावकाश के दौरान की गई यात्रा का वर्णन करते हुए दर्शनीय स्थलों की जानकारी दीजिए।
12. पांच कविताएं तथा पांच शिक्षाप्रद कहानियां याद कीजिए।
13. सभी पाठों का अध्ययन करके प्रतिदिन 10 शब्द अर्थ सहित लिख करें 200 से 250 शब्दों का शब्दकोश तैयार कीजिए।
14. हिंदी अंग्रेजी उर्दू तथा संस्कृत के उपसर्गोंका प्रयोग करके 50 शब्द लिखिए।
15. प्रतिदिन सुबह उठकर घर के सभी बड़े सदस्यों को नमस्कार करें और चरण स्पर्श करें।

MATHEMATICS

- Revise ch 1 to 4 in revision notebook.
- Make one PPT and assignment on any of 1 topic.
Write and learn table UP to 20
- Write square root cube root up to 20
- Chart - coordinate geometry

SOCIAL SCIENCE

1.Learn Chapters:

(I)French Revolution

(II) India: Size and Location

(III)What is Democracy? Why Democracy?

(IV)The story of village palampur.

2.Write short notes on the life of following philosophers:

(I) John Lock

(II) Jean Jacques Rousseau

(III) Montesquieu

3. Write at least 5 new facts about Indian geographical land.

4. Is it necessary and essential to practice organic agriculture with modern techniques? Can it prove beneficial for all of us?

5. Go for walk early in the morning daily. Write your experience on a chart or scrap book with your photos taken close to natural scenes.

6. Learn some life supporting activities like Swimming, Yoga, etc. during summer holidays.

7. Map Activity:

(I) Mark 5 countries which are democratic and 5 which are non-democratic on the political map of India.

(II) Practice maps done in the Chapter -1 (India: Size and Location) and paste them in the Holiday Home Work Note Book.

MORAL DUTIES DURING SUMMER VACATIONS

During the vacation, learn to do some interesting and important things. Some of them are listed below for you. These little steps would help you to become more independent and confident.

- *Get up early in the morning.*
- *Wish your elders, Go for a walk.*
- *Start your day with prayer.*

- *Help your parents with household chores.*
- *Spend time with your grandparents.*
- *Have healthy and nutritious homemade food.*
- *Drink lots of fluids and keep yourself hydrated.*
- *Devote few hours to your studies every day*
- *Stay away from heat.*
- *Watch informative programs on T.V.*
- *Instead of playing video games, play outdoor games/ do cycling in the evening.*